

**Notice of Allowability**

Application No.

10/718,009

Examiner

Srirama Channavajjala

Applicant(s)

HURAS ET AL.

Art Unit

2166

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/3/06.
2. ☐ The allowed claim(s) is/are 1,2,4-7,9,10,12-15,17,18 and 20-23 [re-numbered as: 1-18].
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 09/626,673.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☒ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### DETAILED ACTION

1. Claims 1-2,4-7,9-10,12-15,17-18,20-23 are allowed.
2. Examiner acknowledges applicant's amendment filed on 8/3/2006.
3. Claims 1-2,4-5,7,9-10,12-13,15,17-18,20-21,23 have been amended [8/3/2006].
4. Claims 3,8,11,16,19,24 have been cancelled [8/3/2006].

### *Drawings*

5. The Drawings filed on 11/19/2003 are acceptable for examination purpose.
6. Examiner acknowledges and approved drawing sheet 1 of 1, a copy of the approved drawing sheet 1 of 1 is hereby attached to this office action.

### *Information Disclosure Statement*

7. The information disclosure statement filed on 11/19/2003 is in compliance with the provisions of 37 CFR 1.97, and has been considered and a copy is enclosed with previous Office Action mailed on 5/4/2006.

### *Priority*

8. Acknowledgment is made of applicant's claim for foreign priority based on Canadian Application No. 2279028 filed on 27 July 1999 under 35 U.S.C. 119(a)-(d), the certified copy has been filed with the Application No. 09626,673, filed on July 27,2000 is now US Patent No. **6,684,225**.

***Double Patenting***

9. In view of applicant's submission of "Terminal Disclaimer (T.D), the double patent rejection as set forth in the previous office action is hereby withdrawn.

***EXAMINER'S AMENDMENT***

10. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

***Pursuant to MPEP 606.01 the Title is changed to read***

***--METHOD, SYSTEM, COMPUTER PRODUCT FOR RECOVERING DROPPED  
DATABASE TABLE SPECIFYING ONE OR MORE TABLE SPACES, RECOVERING  
THE TABLE SPACE BEING RESTORED USING THE DROPPED TABLE HISTORY  
DATA STRUCTURE —***

***Reasons for allowance***

The present application has been thoroughly reviewed, upon searching a variety of databases, the examiner submits that Claims 1-2,4-7,9-10,12-15,17-18,20-23 are allowable in light of the applicant's arguments at page 10-16, and in light of the prior art made of record.

The following is an examiner's statement of reasons for indication of allowable subject matter: The prior art of record does not disclose, make obvious, or otherwise suggest the structure of the applicant's method, system, a computer program product "*in response to receiving a request to restore the table space that includes the dropped table, recovering the table space being restored using the dropped table history data structure, wherein the restored table space pre-dates the table space from which the table was dropped; and in response to receiving a rollforward command, rolling forward the table space containing the dropped table to a time reflected in the time stamp reflecting the time of the drop by replaying a set of stored transactions up to the time reflected in the time stamp*" in claims 1,9,17.


These features, together with the other limitations of the independent claims are novel and non-obvious over the prior art of record. The dependent claims 2,4-7,10, 12-15,18,20-23 being definite, enabled by the specification, and further limiting to the independent claims are also allowable.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, T, can be reached on (571) 272-3978. The fax phone numbers for the organization where the application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

SC  
Patent Examiner.  
August 17, 2006.

  
SRIRAMA CHANNAVAJJALA  
PRIMARY EXAMINER

# Replacement Sheet

Approved  
8/17/2006

